JC06 Rec'd PCT/PTO: 0593396-2005U: 2818

Attorney Docket No. 305832-00112

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Stephen NAJDA

Application No.:

10/533,330

Filing date:

30 October 2003

Art Unit:

2812

Examiner:

not yet assigned

Confirmation No.:

5071

Title: QUANTUM WELL INTERMIXING IN SEMICONDUCTOR PHOTONIC DEVICES

CUSTOMER NUMBER: 43138

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(B)

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached forms PTO SB/08A and B. This Information Disclosure Statement is being filed prior to receipt of the first Office Action on the merits. Applicant encloses copies of those listed documents other than those which are US patents, US published patent applications, or which have been made of record in an application upon which Applicant relies for a priority date under 35 USC § 120. 37 CFR § 1.97(d).

Applicant respectfully requests that the Examiner consider the listed documents, and evidence that consideration of relevant portions thereof by making appropriate notations on the attached forms.

It is believed that these references either taken alone or in combination do not disclose or suggest the invention claimed by the Applicant. However, it is the Applicant's desire to have these references available in the record for both the Examiner and the public to see. The Applicant specifically reserves all rights of privilege and confidence with respect to this matter and submission of this document is not to be construed as a waiver of those rights. Moreover, submission of this document should not be considered an admission that the references cited herein are proper prior art to the aforementioned application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

10533330 - GAU: 2818

Attorney Docket No. 305832-00112

No fee is thought to be due with this Information Disclosure Statement. However, if there is any fee due in connection with this submission, please charge the fee to Deposit Account No. 503138 of Daspin & Aument, LLP.

Respectfully submitted,

Jefferson Perkins

DASPIN & AUMENT, LLP 210 West 22nd Street, Suite 102 Oak Brook, Illinois 60523 Telephone: (630) 990-4503

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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| Substitute for form 1449/PTO | Col | Complete if Known | | | |
| | Application Number | 10/533,330 | | | |
| INFORMATION DISCLOSURE | Filing Date | 30 October 2003 | | | |
| | First Named Inventor | Stephen NAJDA | | | |
| STATEMENT BY APPLICANT | Art Unit | 2842 2818 | | | |
| (Use as many sheets as necessary) | Examiner Name | estyet assigned Brandon | Fox | | |
| Sheet 1 of 2 | Attorney Docket Number | 305832-00112 | フ | | |

| | | | U. S. PATEN | DOCUMENTS | |
|--------------------|--------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (4 known)} | Publication Date MM-DD-YYYY | Name of Petentee or Applicant of Cited Document | Peges, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| /B.F./ | | ^{US-} 2004/0106224 A1 | 06-03-2004 | Marsh et al. | |
| /B.F./ | | ^{US-} 6,632,684 B2 | 10-14-2003 | Marsh et al. | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
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| Examiner Initials* | Cite No.1 | Foreign Petent Document | | Name of Patentee or - Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
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| Exeminer Signature | /Brandon Fox/ | Dete Considered | 04/01/2009 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance end not considered. Include copy of this form with next communication to applicent. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols es indicated on the document under WIPO Stendard ST.16 if possible. Applicant is to place e check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an epplication. Confidentiality is governed by 35 U.S.C. 122 end 37 CFR 1.14. This collection is estimated to teke 2 hours to complete, including gathering, preparing, end submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form end/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tredemark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NDT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| Substitute for form 1449/PTO | Complete if Known | | |
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| Salaria de Carre de C | Application Number | 10/533,330 | |
| INFORMATION DISCLOSURE | Filing Date | 30 October 2003 | |
| STATEMENT BY APPLICANT | First Named Inventor | Stephen NAJDA | |
| (Use as many sheets as necessary) | Art Unit | 2812 2818 | |
| (Use as many sneed as necessary) | Examiner Name | sotyptessigned Brandon Fox | |
| Sheet 2 of 2 | Attorney Docket Number | 305832-00112 | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
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| Examiner /Brandon Fox/ | Date Considered | 04/01/2009 |
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